



Death Traps!

Fossils found in ancient watering holes



NPS photo







Opensource image, Flickr

Agate Fossil Beds National Monument





NPS photo



NPS photo

Early 20th Century excavations of Agate Fossil Beds



Photograph by Matthew T. Miller

Menoceras



Male



Image by Matthew Mhlbachler



Smithsonian Institution image

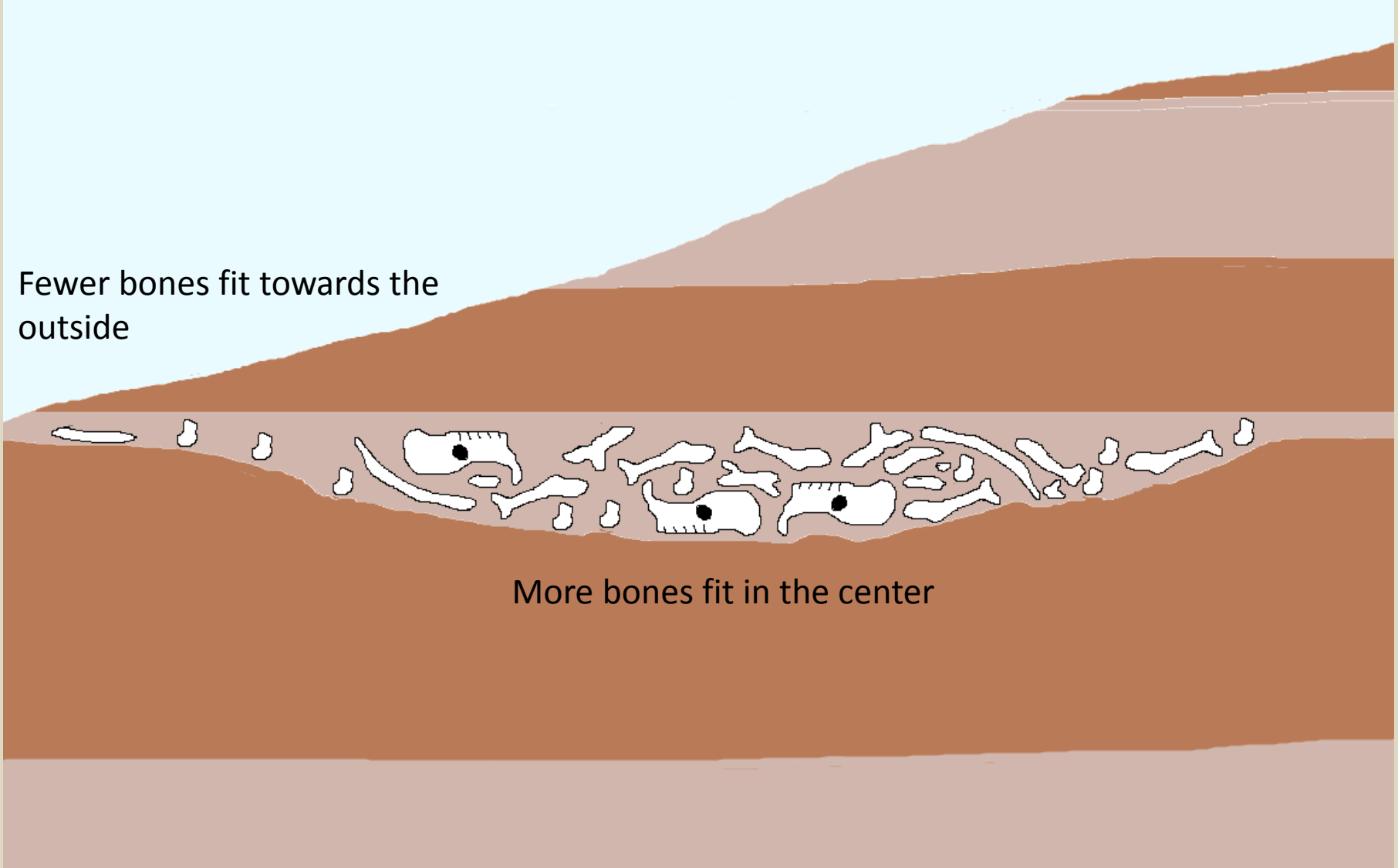


Smithsonian Institution image

Idealized Cross-section of the Agate Bonebed

Fewer bones fit towards the
outside

More bones fit in the center



Moropus



NPS photo



Smithsonian Institution image

Daeodon (Dinohyus)



NPS photo



Photo by Matthew T. Miller

Life during the early Miocene

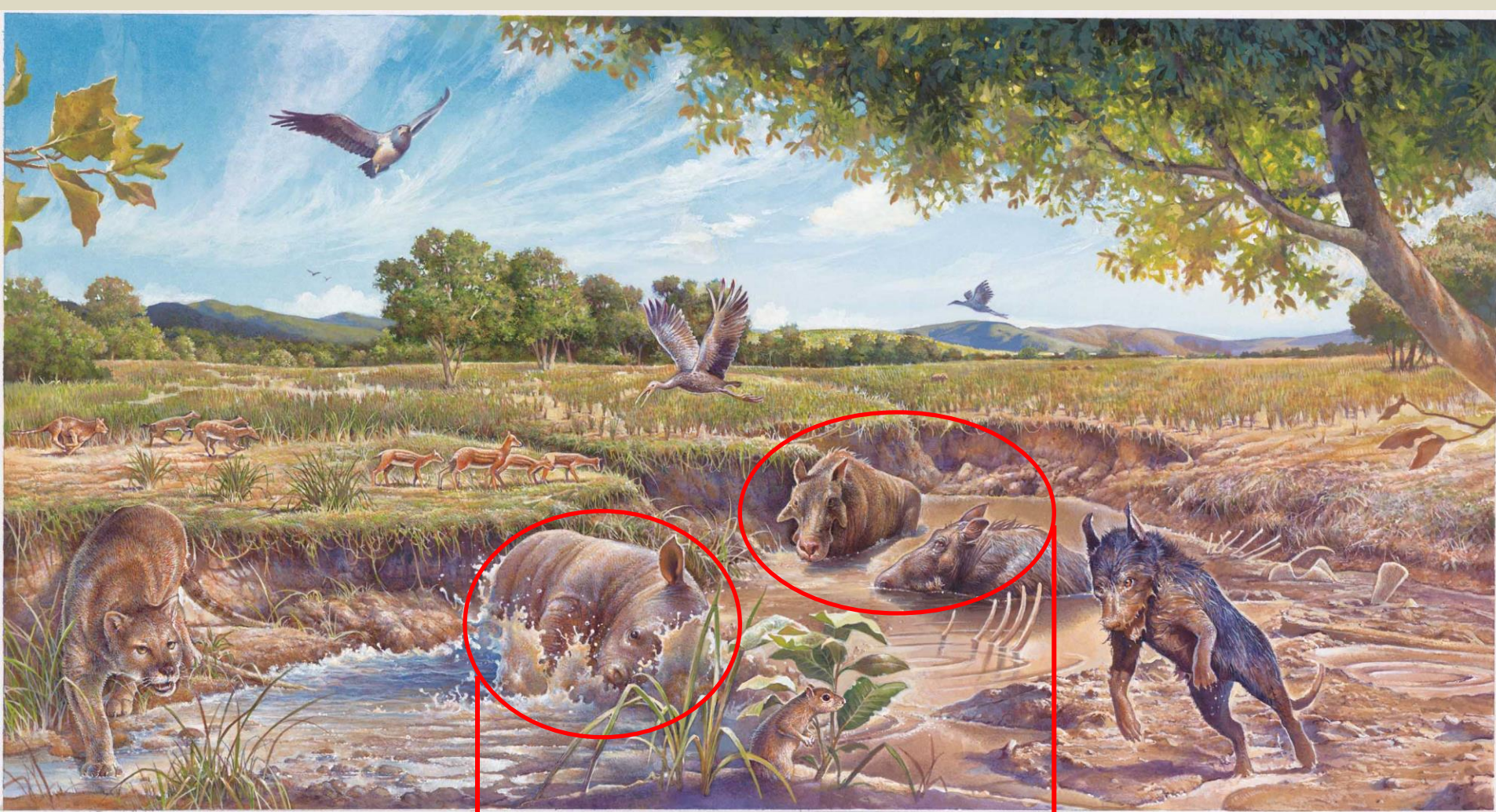


Badlands Today



NPS photo

Badlands, 33 million years ago



NPS image

Subhyracodon

Archaeotherium

Rib bones found at the Big Pig Dig



Era	Period	Epoch	Time Scale
CENOZOIC	QUATERNARY	HOLOCENE	Present
		PLEISTOCENE (ICE AGE)	10,000 years ago
		PLIOCENE	1.8 million years ago 5.3 million years ago
	TERTIARY	NEOGENE	MIOCENE
			23.8 million years ago
		PALEOGENE	OLIGOCENE
			33.7 million years ago
			EOCENE
			54.8 million years ago
		PALEOCENE	65 million years ago



Where we are now



Time of the Agate Fossil
Beds watering-hole



Time of Badlands “Big
Pig Dig”



When the Dinosaurs
died out



Miocene/Agate
Fossil Beds National
Monument

Oligocene/Badlands
National Park

